

1 This listing of claims will replace all prior versions, and listings, of claims  
2 in the application.

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4 **Listing of Claims:**

5  
6 Claim 1 (Currently amended): A method for selecting a color map for  
7 use in printing a document, comprising:  
8 obtaining color space information about the document,;  
9 obtaining at least two color maps, the at least two color maps representing  
10 device colors of at least one or more candidate printer; and  
11 determining which of the at least two color maps will result in a printed  
12 document that is more consistent with the color space information and a desired  
13 ~~rendering~~ rendering intent;  
14 and wherein the at least two color maps are derived from color information  
15 obtained by sensors in a print path of the one or more candidate printer.

16  
17 Claim 2 (Canceled)

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19 Claim 3 (Original): The method of claim 1, wherein the determining step  
20 comprises:  
21 analyzing a boundary of each color map; and  
22 performing a best-fit analysis with respect to the color space information.  
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1 Claim 4 (Original): The method of claim 3, wherein best-fit analysis  
2 comprises mean and maximum difference calculations on boundaries of a color  
3 space consistent with the color space information and a color space associated  
4 with each of the at least two color maps.

5  
6 Claim 5 (Original): The method of claim 3, wherein best-fit analysis is  
7 based on calculating and comparing volumes of a color space associated with the  
8 document and of a color space associated with each of the color maps.

9  
10 Claim 6 (Original): The method of claim 3, wherein best-fit analysis is  
11 based on determining a percentage of colors used by the document contained  
12 within each of the at least two color maps.

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14 Claim 7 (Original): The method of claim 3, wherein best-fit analysis is  
15 based on determining the percentage of the area of the document associated with  
16 colors contained within each of the color maps.

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18 Claim 8 (Original): The method of claim 1, additionally comprising:  
19 generating a custom gamut mapping.

20  
21 Claim 9 (Original): The method of claim 1, additionally comprising:  
22 previewing an approximation of a printed appearance of the document  
23 based on at least one of the at least two color maps.  
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1 Claim 10 (Original): The method of claim 1, additionally comprising:  
2 providing a preferences interface to an author, whereby the author may  
3 indicate a preferred rendering intent to constrain the determining step.

4  
5 Claim 11 (Original): The method of claim 1, wherein the desired  
6 rendering intent is based on an absolute colorimetric.

7  
8 Claim 12 (Previously presented): The method of claim 1, wherein the  
9 desired rendering intent is based on a perceptual rendering intent.

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11 Claim 13 (Original): The method of claim 1, additionally comprising  
12 locating the at least two color maps on a print server.

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14 Claim 14 (Original): The method of claim 1, additionally comprising  
15 locating the at least two color maps on individual printers.

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17 Claims 15-21 (Canceled)  
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1        Claim 22 (Currently amended): A method of printing a color document  
2 over a network, comprising:  
3        providing color space information about the document;  
4        from a first networked printer, acquiring first data over the network  
5 representative of the color gamut of the first networked printer, the first data  
6 derived from sensors monitoring the paper path of the first networked printer;  
7        from a second networked printer, acquiring second data over the network  
8 representative of the color gamut of the second networked printer, said second  
9 data being derived from sensors monitoring the paper path of the second  
10 networked printer;  
11        determining, based upon  
12            the color space information about the document;  
13            the first data;  
14            the second data; and  
15            a desired ~~rendering~~ rendering intent,  
16        which of the first networked printer or second networked printer will  
17 provide a better match between the color space of a document and the printer color  
18 gamut;  
19        selecting the printer that provides the better match; and  
20        printing the document on the selected printer.  
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